

Speaker Biographies

Curtis Klaassen received a Bachelor of Science in Mechanical Engineering from South Dakota State University in 1975. He is a certified Iowa Professional Engineer, Energy Auditor and Technical Assistance Analyst. Curtis currently serves as Manager of the Iowa Energy Center's – Energy Resource Station.

Mr. Klaassen has over twenty-five years experience in building energy system design and strong technical interests in energy efficient heating, air conditioning, and control systems. His experience includes energy analysis and design of high performance buildings, geothermal heat pump systems, and day lighting systems for many types of facilities.

In 1993 Curtis won both Engineer of the Year and the Eminent Conceptor Award. For his work with the Iowa Energy Center Klaassen won the Iowa Energy Leadership Award from the Iowa Energy Bureau in 1996 and again in 1998 for his work on the Southeast Elementary School Geothermal System. Mr. Klaassen is involved in a number of organizations including the American Society of Heating, Refrigerating, and Air Conditioning Engineers where he has served as President of the Iowa chapter in the past as well as a Technical Committee member at the National level.

Gary Steffy received a bachelor of Architectural Engineering Degree with an emphasis in environmental systems from The Pennsylvania State University in 1977. In 1982 he established Gary Steffy Lighting Design Inc. in Ann Arbor, Michigan.

Mr. Steffy's expertise is typified by lighting design for such national landmarks and notable structures as the Michigan State Capital, the Michigan Hall of Justice, the Ohio State Capitol, and the State of Ohio Supreme Court. His contemporary design work includes lighting for Compuware's Headquarters, Domino's World Headquarters, and Steelcase Global Headquarters.

Mr. Steffy has taught lighting design classes at Michigan State University, Pennsylvania State University, The University of Michigan, and Wayne State University. He has been involved in Illuminating Engineering Society of North America (IESNA) committee work, including its Technical Review Council. Gary Steffy is Lighting Certified by the (US) National Council on Qualifications for Lighting Professions. He was president of the International Association of Lighting Designers for the 1988-1989 term. He received the Illuminating Engineering Society of North America's Presidential and Distinguished Service Awards in 2006.

Terry Pahl, PE, LEED, has served as the Facilities Engineer and Energy Manager for Grand Valley State University (GVSU) since 1999. Mr. Pahl's educational background includes B.S. degrees in education and engineering.

Terry Pahl has implemented or assisted in a variety of energy saving projects that have saved or avoided energy cost for to the University totaling more than \$850,000 annually. He also established the first university Retail Open Access contract which resulted in electricity savings of \$300,000 over a 15-month time frame. Programs initiated on campus also include student awareness and energy conservation ad campaigns.

Tom Goodwin has been a Director of Operations for a total of sixteen years (1980-1988 & 1998-2006). He is currently working at Northwest Community Schools in Jackson, Michigan. Goodwin is a graduate of the University of Dayton where he earned a Bachelors of Science Degree. Tom has spent twenty-six years in Education working as a Teacher, Administrator, Coach and Director.